

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	38	(plural\$3 multi\$5 multi) adj (client consumer customer user) and (electric\$3 adj3 network\$3) same (((high medium low) adj voltages) hv mv lv)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 20:08
L7	23	(plural\$3 multi\$5 multi) adj (client consumer customer user) and (electric\$3 adj3 network\$3) same (((high medium low) adj voltages) hv mv lv) and (command\$3 (control adj signal))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 20:42
L10	7	(plural\$3 multi\$5 multi) adj (client consumer customer user) and (electric\$3 adj3 network\$3) same (((high medium low) adj voltages) hv mv lv) and (command\$3 (control adj signal)) and (break\$3 interrupt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 20:17
L11	11	power adj network same (circuit adj breaker) same command\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 20:44
L13	1	"7064654".pn. and wireless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 21:07
S3	5	"2004093283"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 20:46
S7	12	"571898"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 21:04

## EAST Search History

S8	2	"5710691".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 21:06
S9	17	"2751784"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 21:07
S12	2	"20020101695"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 21:11
S13	1	10/553168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 21:12
S14	836	361/93.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 21:53

## EAST Search History

S15	204	( "5644238" "4961066" "5689397" "5859579" "4538039" "4617435" "4903162" "5250508" "5999387" "6049447" "4288768" "4320311" "4383150" "4499350" RE32279 "4873604" "5241745" "5291120" "5476030" "5596472" "5598315" "5614790" "5644283" "5663544" "5793278" "5894395" "5986536" "6107664" "6232625" "4259706" "4286301" "4326167" "4379957" "4433221" "4459629" "4524257" "4550299" "4587588" "4600908" "4825182" "5010438" "5245496" "5250786" "5384528" "5392184" "5430419" "5517378" "5637990" "5680081" "5729145" "5774319" "5814781" "5956218" "6157089" "6226163" "6226163" "4266258" "4276527" "4292611" "4295021" "4358810" "4359038" "4370692" "4375022" "4375021" "4408173" "4467298" "4479101" "4495390" "4511775" "4513270" "4516006" "4532392" "4553004" "4565911" "4568806" "4620156" "4795996" "4806714" "4839770" "4862313" "4886036" "4907119" "4965497" "4987362" "5184100" "5296661" "5345180" "5353188" "5363076" "5373272" "5384712" "5388022" "5428195" "5428328" "5440441" "5493091" "5524083" "5539167" "5668692" ).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 21:55
S17	47	circuit adj breaker with thermo near magnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 11:03
S20	61	circuit adj breaker with thermo with magnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 11:04

## EAST Search History

S25	450	361/99.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 11:09
S26	5	circuit adj braker and (memory stor\$3 storag\$3) same (characteristic profile curve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 11:20
S27	72	circuit adj braker and (memory stor\$3 storag\$3 characteristic profile curve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 12:05
S29	23	(over adj current) and therm\$2 same (electro adj magnetic\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 11:30
S31	987	circuit adj breaker and (coil solenoid relay) and (processor microprocessor computer microcomputer) and (detect\$3 sens\$3 measur\$3 monitor\$3) and (memory stor\$3) and (switch\$3) and therm\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:55
S32	3	circuit adj breaker same (coil solenoid relay) same (processor microprocessor computer microcomputer) same (detect\$3 sens\$3 measur\$3 monitor\$3) same (memory stor\$3) same (switch\$3) same therm\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:57
S33	4	circuit adj breaker and (coil solenoid relay) same (processor microprocessor computer microcomputer) same (detect\$3 sens\$3 measur\$3 monitor\$3) same (memory stor\$3) same (switch\$3) same therm\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:57

## EAST Search History

S34	72	circuit adj breaker and (coil solenoid relay) same (processor microprocessor computer microcomputer memory stor\$3) same (detect\$3 sens\$3 measur\$3 monitor\$3) same (switch\$3) same therm\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:57
S39	2906	((circuit adj breaker) contact\$2) same (comput\$3 microcomputer process\$3 microprocessor) same memory same switch\$3 same (detect\$3 sens\$3 monitor\$3 measur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 15:58
S40	110	((circuit adj breaker) contact\$2) same (comput\$3 microcomputer process\$3 microprocessor) same memory same switch\$3 same (detect\$3 sens\$3 monitor\$3 measur\$3) same threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 23:06
S44	11	"361"/\$.ccls. and ((circuit adj breaker) contact\$2) same (comput\$3 microcomputer process\$3 microprocessor microcontrol\$4 (micro adj (computer processor controller)) program\$5 calculat\$3) same memory same switch\$3 same (detect\$3 sens\$3 monitor\$3 measur\$3) same threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:14
S45	12	"361"/\$.ccls. and ((circuit adj breaker) contact\$2) same (comput\$3 microcomputer process\$3 microprocessor microcontrol\$4 (micro adj (computer processor controller)) program\$5 logic algorithm calculat\$3) same memory same switch\$3 same (detect\$3 sens\$3 monitor\$3 measur\$3) same threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:14
S46	1	S45 not S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:15

## EAST Search History

S47	61	circuit adj breaker with thermo with magnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:32
S48	900	circuit adj breaker same switch\$3 same (bimetal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:46
S49	747	circuit adj breaker same switch\$3 same ((therm\$2 temperature heat) near (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3 metrology sampl\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 18:48
S50	83	circuit adj breaker and ((electro adj thermal) (thermo adj switch\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 20:32
S51	66	circuit adj breaker same switch\$3 near2 ((therm\$2 temperature heat) near2 (sens\$3 detect\$3 monitor\$3 measur\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 18:52
S52	1	"6204751".pn. and time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 19:40

## EAST Search History

S54	1	"6204751".pn. and time and ("76" "78")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 19:42
S55	2	"6204751".pn. and rat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 19:43
S56	2	"6204751".pn. and rat\$3 and current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 19:43
S57	1	"3159768".pn. and (time delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 20:01
S58	183	circuit adj breaker and (transistor thyristor scr) near3 series near3 switch\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 21:59
S59	20	circuit adj breaker and (current adj (detect\$3 sens\$3 monitor\$3 measur\$3)) near3 resist\$4 near3 (compar\$3 comparat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 22:24
S60	13	circuit adj breaker and (current adj (detect\$3 sens\$3 monitor\$3 measur\$3)) near3 resist\$4 near3 (compar\$3 comparat\$3) and ((hall adj effect) transformer shunt magnetoresistor magneto-resistor rogosky)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 22:28

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S61	2622	circuit adj breaker and (current adj (detect\$3 sens\$3 monitor\$3 measur\$3)) same ((hall adj effect) transformer shunt magnetoresistor magneto-resistor rogosky)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 22:28
S62	1124	circuit adj breaker same (current adj (detect\$3 sens\$3 monitor\$3 measur\$3)) same ((hall adj effect) transformer shunt magnetoresistor magneto-resistor rogosky)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 22:49
S63	15	circuit adj breaker same (current adj (detect\$3 sens\$3 monitor\$3 measur\$3)) same ((hall adj effect) transformer shunt magnetoresistor magneto-resistor rogosky) near3 (advantag\$4 simplif\$4 improv\$5 help\$3 good better best)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 22:50
S64	9	((circuit adj breaker) contact\$2) same (comput\$3 microcomputer process\$3 microprocessor) same (adjust adj tim\$3) near5 (threshold level limit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 23:08
S65	48	((circuit adj breaker) contact\$2) and (comput\$3 microcomputer process\$3 microprocessor) same (adjust adj tim\$3) near5 (threshold level limit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 23:09
S66	72	((circuit adj breaker) contact\$2) and (comput\$3 microcomputer process\$3 microprocessor) same (adjust\$3 adj tim\$3) near5 (threshold level limit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 23:15
S67	157	((circuit adj breaker) contact\$2) and (comput\$3 microcomputer process\$3 microprocessor) same (duration adj tim\$3) near5 (threshold level limit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 23:16



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S68	17	((circuit adj breaker) contact\$2) and (comput\$3 microcomputer process\$3 microprocessor) same (duration adj tim\$3) near5 (threshold level limit) same exceed\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 23:17
S69	2	"5710691".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 10:50
S70	2	"5710691".pn. and (program\$5 time duration threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 10:54
S71	2	"5710691".pn. and (program\$5 time duration threshold memory stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 10:54
S72	4	("6204751" "3159768" "5710691").pn. and (memory time duration stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 12:15
S74	5	circuit adj braker and (microprocessor processor) and memory and table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 11:43
S75	1	("6204751" "3159768" "5710691").pn. and (83a)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 12:31

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S76	1	("6204751" "3159768" "5710691"). pn. and (internet communicat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 12:31
S77	788	(relay coil solenoid) near5 ((auxiliar\$2 second\$3) adj switch) near5 series	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 12:54
S78	401	(relay coil solenoid) near3 ((auxiliar\$2 second\$3) adj switch) near3 series	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 12:57
S80	1	(relay coil solenoid) near10 ((auxiliar\$2 second\$3) adj switch) near10 series near10 displacement	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 13:04
S81	58	(relay coil solenoid) near10 ((auxiliar\$2 second\$3) adj switch) near10 series near10 (displacement mov\$3 shift\$3 slid\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 13:47
S83	295	(relay coil solenoidc contact\$2 switch) near10 ((auxiliar\$2 second\$3) adj switch) near10 series near10 (displacement mov\$3 shift\$3 slid\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 13:49
S84	244	S83 not S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:13

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S85	448	dpst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:13
S86	1	dpst same coil near2 series	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:15
S87	10	dpst and coil near2 series	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:19
S88	2504	coil near2 series near2 switch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:31
S89	3	coil near2 series near2 switch and dpst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:20
S91	5	dpst with different	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:42
S92	5	dpst with (different displacement assymetric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:43

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S93	6	dpst with (different displacement asymmetric\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:44
S94	3653	((second\$3 auxiliar\$2) adj switch) with (different displacement asymmetric\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:45
S95	1247	((second\$3 auxiliar\$2) adj switch) near5 (different displacement asymmetric\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:48
S96	754	((second\$3 auxiliar\$2) adj switch) near3 (different displacement asymmetric\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:48
S97	211	((second\$3 auxiliar\$2) adj switch) near (different displacement asymmetric\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:49
S98	2	((second\$3 auxiliar\$2) adj switch) near3 (different displacement asymmetric\$2) same (coil near2 series near2 contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 14:50
S100	35	electricity adj meter same (circuit adj breaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:30

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S10 3	1	electricity adj meter same (circuit adj breaker) and active near5 reactive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:31
S10 4	1	electricity adj meter same (circuit adj breaker) and active same reactive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:32
S10 5	1	electricity adj (meter measuring measurement) same (circuit adj breaker) and active same reactive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:32
S10 6	2	electric\$3 near3 (meter measuring measurement) same (circuit adj breaker) and active same reactive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:40
S10 7	1	electric\$3 near3 (meter measuring measurement) and (circuit adj breaker) and active same reactive same (instant instantaneous) same integrat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:41
S10 8	1	electric\$3 near3 (meter measuring measurement) and ((circuit adj breaker) interrupt\$3) and active same reactive same (instant instantaneous) same integrat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:47
S10 9	1	electric\$3 near3 (meter measuring measurement) and ((breaker) interrupt\$3) and active same reactive same (instant instantaneous) same integrat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:47

## EAST Search History

S11 0	2	(meter measuring measurement) and ((breaker) interrupt\$3) and active same reactive same (instant instantaneous) same integrat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:48
S11 2	43	(meter measuring measurement) and ((breaker) interrupt\$3) and (active same reactive (power adj factor)) same (instant instantaneous) same integrat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/18 16:49